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**Lynch**

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(54) **HIGH VISIBILITY GARMENTS FOR OPERATIVES WORKING IN A HAZARDOUS ENVIRONMENTS**

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(57) **ABSTRACT**

High-visibility garment for use by operatives working in hazardous environment has base garment and detachable light-reflecting apparatus. Base garment comprises outer shell constructed from florescent material and having internal pocket. Powered control unit with loom socket, is retained within internal pocket. Base garment also includes outer attachment material at positions intended for light-reflective material, with loom hole in outer shell and in outer attachment material. Detachable light-reflecting apparatus has light-reflecting outer material with light-emitting devices extending through device holes. Apparatus has inner attachment material and loom connecting light-emitting devices, in which restrained portion of loom is located between light-reflecting outer material and inner attachment material. Loom also has extended portion that connects to loom plug. Loom plug is inserted within loom socket by passing extended portion through loom hole. Light-reflect-

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